Libraries are sometimes referred to as a "Third Space", an essential, complementary place that exists beyond the "first space" of one's home and the "second space" of one's life purpose.

For higher education, libraries are the central place that enhances the first space of student residences and the second space of classrooms. Libraries are highly transformative social spaces where the entire academic community can gather to learn, create, and interact with others in an unstructured, equitable, and supportive environment.

The concept of third spaces immediately sprang to mind upon first seeing this issue of Inside Arthur Lakes Library. Your library has been actively developing new spaces and services that bring the Mines community together in an evolving spirit of learning and fun. Whether it’s research consultations, library instruction, scholarly endeavors, meditation and reflection, multimedia creation, quality family time, technology access or affordable learning materials, your library is continuously innovating in direct response to your third space aspirations.

I invite you to explore this issue and learn how your Third Space is changing in delightful and unexpected ways. I also encourage you to share your own ideas on how we can continue to advance the library. Please consider making a gift, using the enclosed envelope to make dreams a reality.

Carol E. Smith
University Librarian
WHAT’S NEW

On the first floor, in direct response to student requests, you’ll find The Studio, a professional-grade multimedia production studio. You’ll also discover the Reflection Room, a quiet room for meditation, prayer, and stretching. Explore a little further to see a freshly installed stand up scanner station and a modern microfilm scanner.

Head up to the second floor and you’ll encounter a fully accessible westside entrance, comfortable. Inviting new furniture in the Scholars Hub zone, expanded presentation equipment in Boettcher Room, a Blastercard-enabled laptop dispenser, and a new scanner.

Wander the library and you’re sure to discover delightful and unexpected changes.

You never know what you might encounter - it could be your suggestion.

Susan Miner, Mines architect, led the Scholars Hub project.
As a middle schooler, Forrest knew he wanted to attend Mines. He loved engineering and building things, and it was close to home. He started working in Collection Management as a freshman. He loves libraries and the quiet, focused working environment they house and how the building is set up to encourage student engagement and learning.

Forrest describes his favorite memories as a student worker as any time he got to spend with the library faculty and staff, especially being able to see his supervisor, Steve Katz, retire after 38 years. His time at the library taught him how learning still plays a role in professional life. He states, “You can be a lot more effective, helpful, and trustworthy if you take time to continue to learn new skills and information.”

Having been in Colorado most of his life, Forrest says his family was active hiking, biking, swimming, kayaking, skiing, etc. His hobbies include running and anything that can fly, be it airplanes, rockets, birds, or drones.

Life after graduation had its challenges, including figuring out the fundamentals of normal life and its associated responsibilities. He currently works at United Launch Alliance in system safety and he gets to work on projects that he cares about that allow him to apply his degree flexibly between professions.
Brianna Buljung: Fulbright Scholar Recap

Brianna Buljung taught at Tunghai University in Taichung, Taiwan from February 1 to June 30, 2021 on a Fulbright US Scholar teaching grant. During that semester, she taught two courses to almost 50 students in the university’s International College.

The International College (IC) Dean at Tunghai University, Dr. James Sims, asked her to design a world history course introducing students to foundational concepts from history and geography. His request was exciting because she has a passion for history, but doesn’t often get to pursue this interest as a STEM librarian at Mines. She wanted to incorporate research and writing skills within the class that she created, History and Geography for our Interconnected World.

For the first 13 weeks of the program, Brianna and her 43 students worked their way through approximately 800 years of world history. They utilized the SPICE framework to explore the social, political, environmental (interactions), cultural, and economic aspects of history. Covering that amount of content in a shortened semester can be difficult for students to follow. It can also be challenging to connect events, people, and cultural developments throughout history to their lives in the 21st century. To mitigate these concerns, she designed a course-long project that helped students connect modern countries to their historical development. By the end of the course, her students were able to better understand their chosen country’s history.

This July, she published the entire course on the Open Educational Resources (OER) Commons platform. Teachers around the world can now use the course materials, translate them into other languages, and adapt the course to their own local needs.

In the spring, she also taught Conducting Research and Navigating the Research Lifecycle course during a mini-semester. Overall, Brianna learned about herself as an educator and course designer. She learned about the unique nature of the international classroom and how it can enrich the experience of learning history and conducting research. Most importantly, she learned about herself as a teacher and the types of learning experiences that she can create for her students. Four of her main takeaways from the experience include: be brave; leverage your strengths; listen to your students; and give yourself grace!

Brianna’s fun facts about Taichung and Taiwan

1. Sidewalks were almost non-existent in her part of Taichung, which made walking more exciting!
2. Much of Taiwan was experiencing a significant drought even though it is a tropical island. For two months, water in the building was turned off two days a week.
3. The local large grocery store, Carrefour, had cart-carts just like King Soopers at home – which thrilled Brianna’s son.

Welcome Danielle Ostendorf!

While hailing originally from Minnesota, Danielle arrived in Colorado in 2018. Her extended family still lives in Minnesota. She loves movies and TV in any genre from reality TV to an indie movie. Danielle has traveled to Australia and Europe; one day she hopes to visit Central America and East Asia.

She received her MLIS from St. Catherine University in St. Paul. Previously, Danielle worked at the University of Minnesota Duluth and the University of Colorado Anschutz Medical Campus. She has extensive electronic resource management experience including all aspects of the e-resources life cycle, managing budgets, and an institutional repository. She brings experience with Ex Libris’ Alma and Primo library systems.

When asked, “Why come to Mines?”, Danielle replied that she wanted to be near the buzz of a busy campus which includes undergraduate and graduate students. Additionally, she wanted to be in a library that valued collaboration. Join us in welcoming Danielle as our Head of Collection Management and E-Resources Librarian.
COLLABORATIONS

Library Open House and more

The Arthur Lakes Library hosted its first ever Open House this fall as we welcomed students back in person. We invited close campus partners to join the event while highlighting upcoming events, shared services, and resources. The Open House focused on connecting freshmen and returning sophomores to give them a snapshot of library services and showcase library events and programming.

This past semester the library was able to enhance our signature program, Mindful Mondays. Teaming up with SoundOff Colorado we offered the Mines community a unique and focused approach to meditation and mindfulness through headphone technology. This approach eliminates outside distractions so that practitioners can truly disconnect from the world and focus on what’s happening in their heart and mind.

Since the return of in-person events, you can also hear live music flowing through the library as we have welcomed back the Concerts in the Library series featuring Mines students, faculty, and staff.

Scholarly Communications

Summer 2021 launched the first iteration of the Accessibility Course for Education (ACE). ACE is designed to give educational content developers a targeted introduction to accessibility. Participants were guided through accessibility topics that relate directly to the type of education material they create.

The ACE course was developed under the Library’s Open Educational Resource (OER) grant from the Colorado Department of Higher Education (CDHE), under the direction of Scholarly Communications librarian Emily Bongiovanni. While the initial intention was to provide training to faculty participating in the Library’s OER program, the course was opened to all Mines instructors and later to all interested higher education faculty across Colorado to help foster inclusive and accessible resources. The course took participants approximately seven hours across two weeks to complete. To date, two cohorts have participated in the course.

The CDHE grant also enabled the Library to hire two Library Fellows, Alex Oodicino and Seth Vuletic, to advance OER initiatives. Seth and Alex remixed materials training from other institutions to develop a STEM-focused accessibility curriculum, while learning about accessibility along the way. Seth is now joining Mines as a Visiting Scholarly Communications Librarian, where he will lead campus OER initiatives and support students and faculty with tools and best practices across the research lifecycle.

Creative Collaborations and Collections

What does an outdoor recreation center and an academic library have in common? Surprisingly, a lot. Recently, the Arthur Lakes Library partnered with the Outdoor Recreation Center (ORC) to cross-promote the library’s extensive trail map collection with a list of the ORC’s trips and low-cost rental equipment.

Academic libraries often build partnerships with organizations for which there may seem to be few shared commonalities. A recent study found that academic libraries typically have 15-25 collaborative partners, and the Arthur Lakes Library is no exception.

By creating partnerships within Golden and Mines, the library can strengthen the sense of community and build positive relationships across campus. These partnerships also share resources that can make programs more sustainable for students who come to rely on them. Below is a partial list of organizations that the library has been fortunate enough to partner with:

- Student Organizations: Astronomy Club, High Grade, Kickstarter MAC, Graduate Student Government, Undergraduate Student Government
- Golden Community: Golden Anti-racism Collective, Parents of Mines Students, Golden Public Library
- Internationally: China University of Mining and Technology, International College Tunghai University

The library has amazing items in our collection for checkout. Our Gadgets to Go collection includes tools, musical instruments, camera, Legos, adapters, and GoPros.

Recently, all the GoPros in our collection were checked out by the Society of Automotive Engineers Formula Team to capture their handmade Formula One car in action. The Robotics club also used items from our Gadgets to Go collection for a recent Battle Bot competition.

Creativity is endless with Mines students and the library is proud to meet the need that allows students, organizations to explore and experiment with new technology and gadgets. Be delighted in what you discover!
History Archive Goes to Homecoming Alumni Event

The Mines History Archive went to the Mines Alumni 50-year and Golden Mines Luncheon during Homecoming Weekend in October. Preservation Specialist Sherry Muniz and Head of Archives & Special Collections Lisa Dunn organized an eye-catching display of memorabilia and artifacts, posters, and handouts from the Archive. The display focused on the 1970s, including materials related to the alumni classes of 1970 and 1971, who celebrated their 50th reunion together.

During social times, Lisa staffed the display answering questions about the items and the Archive. The materials sparked a variety of stories, questions, and conversations among alumni and their spouses. Lisa discussed the importance of preserving the stories of alumni and sharing information about the history of Mines. Many shared memories from their time at Mines. Prospector yearbooks from ’69, ’70, and ’71 were the highlights of the day. Alumni hunted for their portraits and those of friends and classmates.

We are telling the story of Mines in anticipation of and building toward the celebration of MINES@150. We have lots of physical and virtual content to showcase. Do you have photos, memorabilia, or stories to share? Consider donating these items to make MINES@150 something to remember!

Learn how to give at: libguides.mines.edu/specialcollections/giving

Thank you, donors!

The last year has been challenging! Even in difficult times, our faithful library donors inspire us. We are grateful for your donations made in the midst of unknown and constant change – your gifts are especially appreciated at this time. In alphabetical order, we thank those who supported the library financially in 2020-2021:


## Scholarship and Achievements

The Arthur Lakes Library faculty and staff are committed to disseminating and expanding their professional expertise through presenting professional papers at conferences and publishing in peer-reviewed journals and books all year long. Here is a list of their accomplishments:

<table>
<thead>
<tr>
<th>Name</th>
<th>Achievement</th>
<th>Topic or Title</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Library &amp; Museum</td>
<td>Award</td>
<td>2021 Mines Diversity, Inclusion, and Access Progress Award for Best in Shared Responsibility</td>
<td></td>
</tr>
<tr>
<td>Christopher J.J. Thiry; Gysli Evans; Rebecca Schneider</td>
<td>Award</td>
<td>2021 Mines Diversity, Inclusion, and Access Award for Raising Awareness</td>
<td></td>
</tr>
<tr>
<td>Anna Seifert</td>
<td>Award</td>
<td>Library &amp; Museum DIA Award</td>
<td></td>
</tr>
<tr>
<td>Rebecca Schneider</td>
<td>Funded Grant</td>
<td>LSTA American Rescue Plan Act (ARPA) Grant; awarded $6,000 for 2021-2022</td>
<td></td>
</tr>
<tr>
<td>Emily Bongiovanni; Scott Strong; Alex Odicino; Brianna Buljung</td>
<td>Funded Grant</td>
<td>Open Mines: Deploying Open Education Resource (OER) Development at Colorado School of Mines; awarded $50,000 for 2021-2022</td>
<td></td>
</tr>
<tr>
<td>Brianna Buljung</td>
<td>Promotion</td>
<td>From Assistant Librarian to Associate Librarian</td>
<td></td>
</tr>
<tr>
<td>Lisa Nickum</td>
<td>Elected Position</td>
<td>TRAIL Chair 6/2021-2023</td>
<td></td>
</tr>
<tr>
<td>Brianna Buljung; Emily Bongiovanni</td>
<td>Book</td>
<td>The Scholarly Communications Cookbook</td>
<td>Chicago: Association of College and Research Libraries</td>
</tr>
<tr>
<td>Joseph Kraus</td>
<td>Book Chapter</td>
<td>Cooking Up Open Access LIS Journals</td>
<td>In B. Buljung &amp; E. Bogiovanni (eds.) The Scholarly Communications Cookbook. Chicago: Association of College and Research Libraries</td>
</tr>
<tr>
<td>Christopher J.J. Thiry</td>
<td>Book Chapter</td>
<td>Gone Walkabout: door-to-door faculty engagement</td>
<td>In B. Buljung &amp; E. Bogiovanni (eds.) The Scholarly Communications Cookbook. Chicago: Association of College and Research Libraries</td>
</tr>
<tr>
<td>Brianna Buljung; Emily Bongiovanni; Alex Odicino; Alyce Horan</td>
<td>Conference Paper</td>
<td>Online OER Champion Course: How a scrappy solution to cope with capacity turned into a vital tool to build OER awareness, interest, and knowledge on campus</td>
<td>2021 ASEE Annual Conference &amp; Exposition, Virtual Conference, July 26-29, 2021, Long Beach, CA</td>
</tr>
<tr>
<td>Emily Bongiovanni; Lisa Dunn; Joseph Kraus</td>
<td>Conference Presentation</td>
<td>Building the STEM Librarian Skill Set: An Exploratory Study to Identify Skills Needed by STEM Librarians</td>
<td>2021 ACRL Virtual Conference, April 13-16, 2021</td>
</tr>
<tr>
<td>Brianna Buljung</td>
<td>Conference Presentation</td>
<td>Contextualizing World History with the UN Sustainable Development Goals and OER</td>
<td>USA--Taiwan Marine Sustainable Development Conference, May 7, Penghu, Taiwan</td>
</tr>
<tr>
<td>Brianna Buljung; Lisa Nickum; Patricia Andersen; Gyasi Evans</td>
<td>Conference Presentation</td>
<td>Maintaining Collaborations &amp; Providing Quality Student Experiences</td>
<td>Science Librarianship in the Time of COVID-19 Virtual Conference, January 13, Boston, MA</td>
</tr>
<tr>
<td>Brianna Buljung; (Collaborators beyond Mines)</td>
<td>Conference Presentation</td>
<td>Open Education for a Better World (OE4BW): Teaching and Reaching the Sustainable Development Goals</td>
<td>2021 Creative Commons Global Summit Virtual Conference, Sept 20-24</td>
</tr>
<tr>
<td>Emily Bongiovanni; Alexander Odicino</td>
<td>Conference Presentation</td>
<td>What's in your accessibility toolkit?: A roundtable on equipping instructors with the skills needed to make their resources available</td>
<td>Missouri: Affordable &amp; Open Educational Resources Symposium</td>
</tr>
<tr>
<td>Brianna Buljung; Lisa Dunn; Joseph Kraus; Emily Bongiovanni</td>
<td>Conference Round Table</td>
<td>Building a STEM Librarian Certificate course: Insights from Professionals and STEM Librarians</td>
<td>STEM Librarians Collaborative 2021 Virtual Conference, July 21-22</td>
</tr>
<tr>
<td>Lisa Dunn; Karen Pfiffer; Emily Bongiovanni; Brianna Buljung</td>
<td>Article</td>
<td>From Golden to Xuzhou: Teaching a Graduate Student Workshop in China</td>
<td>College and Research Library News</td>
</tr>
<tr>
<td>Joseph Kraus</td>
<td>Article</td>
<td>SAGE Campus</td>
<td>Charleston Advisor. V22 No1. 1 July 2021, pp 49-52</td>
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</tbody>
</table>
SUPPORT THE ARTHUR LAKES LIBRARY

The Arthur Lakes Library is the academic community’s intellectual and scholarly commons. It is the place where students, faculty, staff, alums and the citizenry of Colorado pursue knowledge, whether virtually or in person. It is arguably true that there is no other place within a university where the donor’s dollar adds so much value to the pursuit of knowledge.

Your gift will help us fulfill our mission of facilitating student success, faculty scholarship and patron research by providing access to information and knowledge, and in doing so, strengthen the quality of the University.

To learn more about supporting the Arthur Lakes Library, contact the Mines Foundation.

WEARE.MINES.EDU/LIBRARYCOLLECTIONS
or 303.273.3275